

CLAIMS

What is claimed is:

1. A system for transmitting an authorization message to a mobile platform comprising:

5 at least one ground station having transmit equipment, the transmit equipment further comprising a path having a unique address; and

at least one transponder that transmits data to the mobile platform;

wherein when the transmit equipment transmits the unique address in a signal to the mobile platform via the transponder, the unique address serves as the 10 authorization message, wherein the signal is transmitted to the mobile platform at least every thirty seconds.

2. The system of Claim 1, wherein the transponder is on a satellite.

3. A system for transmitting an authorization message to a mobile platform comprising:

at least one ground station having transmit equipment, the transmit equipment comprising return link assignments; and

5 at least one transponder that transmits data to the mobile platform

wherein when the transmit equipment transmits the return link assignment in a signal to the mobile platform via the transponder, the return link assignment serves as the authorization message, wherein the signal is transmitted to the mobile platform at least every thirty seconds.

10 4. The system of Claim 3, wherein the transponder is on a satellite.

5. A system for transmitting an authorization message to a mobile platform comprising

at least one ground station having transmit equipment, the transmit equipment further comprising a path having a unique address and return link

5 assignments; and

at least one transponder that transmits data to the mobile platform,

wherein the transmit equipment combines the unique address and the return link assignment into a single signal that serves as the authorization message, wherein the single signal is transmitted to the mobile platform at least every thirty

10 seconds.

6. The system of Claim 5, wherein the transponder is on a satellite.

7. A method for transmitting an authorization message from a ground station to a mobile platform, the method comprising the step of:

(a) transmitting a signal comprising a unique address from a ground station to a mobile platform via a transponder,

5 wherein the unique address serves as the authorization message, and the signal is transmitted to the mobile platform at least every thirty seconds, the authorization message authorizing the mobile system to continue transmitting for a predefined time period after receiving the authorization message.

8. The method of Claim 7, wherein the transponder is on a satellite.

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9. A method for transmitting an authorization message from a ground station to a mobile platform, the method comprising the step of:

(a) transmitting a signal comprising a return link assignment from a ground station to a mobile platform via a transponder,

5 wherein the return link assignment serves as the authorization message, and the signal is transmitted to the mobile platform at least every thirty seconds, the authorization message authorizing the mobile system to continue transmitting for a predefined time period after receiving the authorization message.

10. The method of Claim 9, wherein the transponder is on a satellite.

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11. A method for transmitting an authorization message from a ground station to a mobile platform, the method comprising the steps of:

(b) embedding a return link assignment within a signal comprising a unique address; and

5 (a) transmitting the signal comprising the unique address and the return link assignment from a ground station to a mobile platform via a transponder, wherein the return link assignment is transmitted to the mobile platform with the unique address signal at least every thirty seconds as an authorization message to authorize the mobile system to continue transmitting for a predefined time period
10 after receiving the authorization message.

12. The method of Claim 11, wherein the transponder is on a satellite.